

CLAIMS

1. Method of managing requests in at least two distinct classes, relating to multimedia data, exchanged by a communication apparatus (2) and  
5 at least one data source (1) connected through a communication network (3), characterized in that said method comprises steps, performed at the communication apparatus (2), of:

- enabling (E505, E510) at least one request of at least a first class of requests, the enabling taking account of the multimedia data received from at  
10 least a second class of requests, the requests of the second class being predictable in time;

- dynamically allocating (E512, E507) a priority to each of the enabled requests, in accordance with characteristics of said enabled requests; and

15 - dynamically allocating (E512) a priority to each of the enabled requests of the second class in accordance with the time remaining until the next request of the second class.

2. Method according to claim 1, characterized in that it also comprises a step (E513, E514) of deciding with regard to the transmission of at  
20 least one enabled request, according to the priority allocated to said request.

3. Method according to claim 1 or 2, characterized in that it also comprises a step (E503, E504, E506) of updating the requests in at least a first class, the updating taking account of the multimedia data received from at least one request in at least a second class.

25 4. Method according to claim 1, 2 or 3, characterized in that said communication apparatus (2) and said data source (1) are connected by a connection of the HTTP type.

5. Method according to any one of the preceding claims, characterized in that the data are Flash animations and/or image data  
30 compressed according to the JPEG2000 standard.

6. Method according to any one of the preceding claims, characterized in that said requests are associated with the animation of an

object (Ra) and/or with the carrying out of a zoom or pan or a change of quality on an image (Rp) and/or with interactions between a user and an animation (Ru).

5       7. Device for managing requests in at least two distinct classes, relating to multimedia data, exchanged by a communication apparatus (2) and at least one data source (1) connected through a communication network (3), characterized in that said device comprises:

10       - means for enabling at least one request in at least a first class of requests, the enabling taking account of the multimedia data received from at least a second class of requests, the requests of the second class being predictable in time;

      - means for dynamically allocating a priority to each of the enabled requests, in accordance with characteristics of said enabled requests; and

15       - means for dynamically allocating a priority to each of the enabled requests of the second class in accordance with the time remaining until the next request of the second class.

      8. Device according to the preceding claim, characterized in that it also comprises means of deciding with regard to the transmission of at least one enabled request, according to the priority allocated to said request.

20       9. Device according to claim 7 or 8, characterized in that it also comprises means of updating the requests in at least a first class, the updating taking account of the multimedia data received from at least one request in at least a second class.

25       10. Device according to claim 7, 8 or 9, characterized in that said communication apparatus (2) and said data source (1) are connected by a connection of the HTTP type.

      11. Device according to any one of claims 7 to 10, characterized in that the data are Flash animations and/or image data compressed according to the JPEG2000 standard.

30       12. Device according to any one of claims 7 to 11, characterized in that said requests are associated with the animation of an object (Ra) and/or

with the carrying out of a zoom or pan or a change of quality on an image (Rp) and/or with interactions between a user and an animation (Ru).

13. Communication apparatus, characterized in that it comprises a device according to any one of claims 7 to 12.